

**Table 5.33-- CLIMATIC NORMALS, MEANS, AND EXTREMES FOR HILO,
KAHULUI, HONOLULU, AND LIHUE AIRPORTS**

Subject	Hilo	Kahului	Honolulu	Lihue
Normal temperatures (°F):				
Daily maximum	81.5	83.9	84.4	81.2
Daily minimum	66.4	67.2	70.0	69.9
Monthly: Coolest month 1/	71.7	71.7	72.9	71.6
Warmest month 1/	76.3	79.3	81.4	79.5
Annual 1/	74.0	75.6	77.2	75.6
Extreme temperatures (°F):				
Record highest	94	97	95	90
Record lowest	53	48	53	50
Normal degree days, base 65°F:				
Heating	-	-	-	-
Cooling	3,284	3,883	4,474	3,883
Precipitation (inches):				
Normal	129.19	20.92	22.02	43.00
Maximum monthly	50.82	14.46	20.79	22.91
Minimum monthly	0.13	0.00	T	T
Maximum in 24 hours	22.30	7.01	17.07	11.54
Normal relative humidity (percent)	79	73	68	75
Wind speed (m.p.h.):				
Mean	7.4	14.6	11.4	12.8
Maximum 2-second	31	38	33	36
Percent of possible sunshine	40	67	71	58
Mean number of days:				
Clear	35.5	130.5	90.0	55.3
Partly cloudy	131.3	145.2	179.8	183.2
Cloudy	195.3	89.5	92.0	123.2
Precipitation .01 inch or more	273.3	100.2	100.7	199.8
Thunderstorms	9.7	4.0	6.7	7.8
Temperature maximum 90° and above	1.0	23.5	31.4	0.1

T Trace amount.

1/ Normal dry bulb temperature, which is the temperature of the ambient air.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary with Comparative Data, 1999* for Hilo, Kahului, Honolulu, and Lihue.